

U.S. Application No.  
Attorney Docket No. 2002B140/2  
Reply to Office Action mailed August 23, 2006  
Amendment dated December 22, 2006

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### REMARKS

Applicants would like to thank the Examiner for the courtesies extended to Applicants' representative during the in-person interview of Monday, December 11, 2006. As per the Examiner's suggestion, Applicants have submitted new claims 119-138 to read as product-by-process claims. These claims are supported by previous claims 2 and 35 through 57. Applicants have cancelled claims 1 through 118 and reserve the right to prosecute them in a later-filed document such as a divisional or continuation. Applicants respectfully request reconsideration and respond as follows.

#### § 112 Rejection

The Examiner has rejected claims 1 and 4 under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. Applicants apologize for misstating the paragraph which supports the amendment made in the last Response of July 18, 2006. Applicants meant to state that support for the amendment can be found at paragraph [00103], which in part states, "In another embodiment, polyolefin branch-block compositions containing amorphous and semi-crystalline components may be prepared in a single reactor to yield desired property balance."

#### § 103(a) Rejections over U.S. Patent No. 6,774,069 to Zhou et al. and U.S. Publication No. 20020123538 to Zhou et al.

The Examiner previously rejected claims 1 and 4 as obvious in light of U.S. Patent No. 6,774,069 to Zhou et al. and U.S. Publication No. 20020123538 to Zhou et al. (collectively, "the Zhou references"). Applicants have cancelled these claims and added new claims 119-138. As the Examiner correctly states in the response, Zhou does teach a *blend* of atactic and isotactic polymers. In contrast, the instant invention as amended, teaches a process to make *one* polymer with amorphous and semi-crystalline segments, not a blend of polymers. Also, neither Zhou

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references teaches a residence time of 120 minutes or less, a ratio of the first catalyst to the second catalyst is from 1:1 to 50:1; nor the use of an activator and/or optional diolefins. Accordingly, Applicants respectfully request that these rejections be removed.

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Conclusion

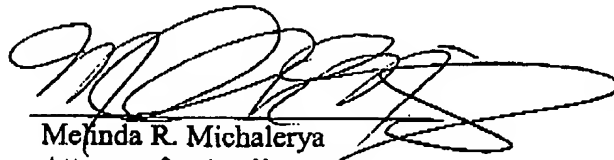
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Applicants believe they have now addressed all of the Examiner's outstanding issues and that the current claims are in condition for allowance. Applicants respectfully request reconsideration and allowance of the currently pending claims. If the Examiner believes that it would expedite prosecution of the instant application, she is invited and encouraged to telephone the undersigned attorney at her convenience.

The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account No. 05-1712 in the name of ExxonMobil Chemical Company.

Respectfully submitted,

12/23/06  
Date

  
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